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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on November 14, 2001 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, Mailing Label Number EL898671937US, addressed to the Commissioner for Patents, Washington, DC 20231.

Attorney Docket No.: 01-555/LSI1P175

First Named Inventor: Venkatesh P. Gopinath



Carolyn Naegle
Carolyn Naegle

UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))

Commissioner for Patents
Box Patent Application
Washington, DC 20231

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:
Venkatesh P. Gopinath, Arvind Kamath, Mohammad R. Mirabedini, and Ming-yi Lee

For: **SHALLOW TRENCH ISOLATION STRUCTURE WITH LOW TRENCH PARASITIC CAPACITANCE**

Assigned to: LSI Logic Corporation

Application Elements:

- ☒ **29** Pages of Specification, Claims and Abstract
- ☒ **3** Sheets of informal Drawings
- ☒ **3** Pages Combined Declaration and Power of Attorney

Accompanying Application Parts:

- ☒ Do not publish this application. Nonpublication Request is attached.
- ☒ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
- ☐ 37 CFR 3.73(b) Statement by Assignee
- ☐ Information Disclosure Statement with Form PTO-1449
 - ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (two)
- ☐ Other:

Fee Calculation (37 CFR § 1.16)

☐ Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.

	(Col. 1) Total Claims		(Col. 2) Claims	(Col. 3) Present Extra	Rate	Additional Fee
TOTAL	40	MINUS	20	= 20	x 18 =	400.00
INDEP.	3	MINUS	3	= 0	x 84 =	0
[] First presentation of multiple dependent claim					\$280 =	
Basic Filing Fee under 37 C.F.R. §1.16(a)					\$740 =	740.00
TOTAL						1,140.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)						

☐ Check No. _____ in the amount of \$ _____ is enclosed.

☒ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 12-2252 (Order No. 01-555).

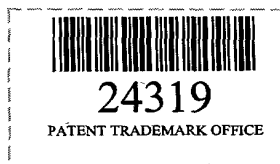
General Authorization for Petition for Extension of Time (37 CFR §1.136)

☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 12-2252 (Order No. 01-555).

☒ Please send correspondence to the following address:

Customer Number 24319

LSI Logic Corporation
1551 McCarthy Boulevard
Milpitas, California
Telephone (408) 433-6100



Date: November 14, 2001

A handwritten signature in cursive script, appearing to read "Elise R. Heilbrunn", is written over a horizontal line.

Elise R. Heilbrunn
Registration No. 42,649

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Venkatesh P. Gopinath,
Arvind Kamath, Mohammad R. Mirabedini, and
Ming-Yi Lee

Attorney Docket No.: 01-555/LSIIP175

Examiner: To Be Assigned

Application No.: To Be Assigned

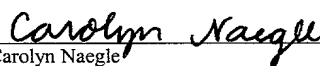
Group: To Be Assigned

Filed: November 14, 2001

Title: SHALLOW TRENCH ISOLATION
STRUCTURE WITH LOW TRENCH
PARASITIC CAPACITANCE

CERTIFICATE OF EXPRESS MAILING

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Carolyn Naegle

**NONPUBLICATION REQUEST AND CERTIFICATION
(35 U.S.C. 122(b)(2)(B)(i))**

Commissioner for Patents
Box Patent Application
Washington, DC 20231

Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen (18) months after filing. I hereby request that the attached application **NOT** be published under 35 U.S.C. 122(b).

Date:

November 14, 2001


Elise R. Heilbrunn
Registration No. 42,649

NOTE:

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications, eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign of international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).